

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	("6803603" "6169294")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/04 15:21
L2	20	("6803603".pn. "6169294")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/04 15:21
L3	2	("6803603".pn. "6169294".pn.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/04 15:21
L4	68	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$ pattern)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/04 15:22
L5	29	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning" and LED	USPAT; EPO; JPO	OR	ON	2006/03/04 15:23
L6	525	313/498.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/04 15:24
S1	301	313/498.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:38
S2	294	313/499.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S3	332	313/500.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S4	271	313/502.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S5	935	313/504.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:22
S6	603	313/509.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:32
S7	475	313/512.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:19
S9	611	313/110.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:33
S10	954	313/112.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:33
S11	293	313/116.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:16
S12	0	313/116.ccls. and LED and collimated	USPAT; EPO; JPO	OR	ON	2004/07/26 01:51

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S13	2	313/116.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S15	2	313/498.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S16	3	313/512.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S18	2	313/504.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S19	22	313/498.ccls. and (focused focus focus\$ collimated collimate collimat\$)	USPAT; EPO; JPO	OR	ON	2004/07/26 01:55
S20	106	313/498.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2004/07/26 00:29
S21	294	313/499.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:53
S22	263	313/499.ccls. not 313/498.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:38
S23	24	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$)	USPAT; EPO; JPO	OR	ON	2004/07/26 00:39
S24	59	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$ pattern)	USPAT; EPO; JPO	OR	ON	2004/07/26 01:55
S25	5376	372/43.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:59
S26	920	372/44.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:53
S27	633	372/49.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:56
S28	104	372/49.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2004/07/26 01:10
S29	170	372/43.ccls. and (collimated collimate collimat\$)	USPAT; EPO; JPO	OR	ON	2004/07/26 00:59
S35	565	257/466.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 01:22
S39	267	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning"	USPAT; EPO; JPO	OR	ON	2004/07/26 01:30
S40	25	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning" and LED	USPAT; EPO; JPO	OR	ON	2004/07/26 01:34
S41	267	("313"/\$.ccls. "372"/\$.ccls.) and "detuning"	USPAT; EPO; JPO	OR	ON	2004/07/26 01:34
S42	63	("257"/\$.ccls.) and "detuning"	USPAT; EPO; JPO	OR	ON	2004/07/26 01:35

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S43	20	("313"/\$.ccls.) and "detuning"	USPAT; EPO; JPO	OR	ON	2004/07/26 01:35
S44	3	"313"/\$.ccls. and chirping and pattern	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:46
S45	29	313/499.ccls. and (focused focus focus\$ collimated collimate collimat\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:53
S46	0	313/116.ccls. and LED and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S47	2	313/116.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:53
S48	2	313/498.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:53
S49	6	313/512.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:52
S50	3	313/504.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:53
S51	27	313/498.ccls. and (focused focus focus\$ collimated collimate collimat\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:55
S52	64	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$ pattern)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/07/26 01:55
S53	94	313/501.ccls.	USPAT; EPO; JPO	OR	ON	2005/12/06 17:15
S54	4	313/116.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2005/01/23 14:42
S55	2	313/498.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2005/01/23 14:42
S56	3	313/512.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2005/01/23 14:42
S57	4	313/504.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S58	27	313/498.ccls. and (focused focus focus\$ collimated collimate collimat\$)	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S59	120	313/498.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43

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S60	329	313/498.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S61	61	(313/499.ccls. not 313/498.ccls.) and (focused focus\$ collimated collimate collimat\$ pattern)	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S62	677	372/49.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S63	111	372/49.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S64	189	372/43.ccls. and (collimated collimate collimat\$)	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S65	580	257/466.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S66	277	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning"	USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S67	25	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning" and LED	USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S68	20	("313"/\$.ccls.) and "detuning"	USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S69	69	("257"/\$.ccls.) and "detuning"	USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S70	4	"313"/\$.ccls. and chirping and pattern	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S71	7	313/512.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S72	7	313/504.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S73	3	313/498.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S74	4	313/116.ccls. and collimated	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44
S75	32	313/499.ccls. and (focused focus focus\$ collimated collimate collimat\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:45
S76	38	313/498.ccls. and (focused focus focus\$ collimated collimate collimat\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/04 15:24

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S77	68	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$ pattern)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/01 16:25
S79	25	("6831302" "6504180" "6690268" "6642618" "6784027" "6847057" "6072628" "6122103" "6288840" "6574383" "6504180" "6690268" "5162878" "6828597" "5814839" "5491350" "6303405" "20020110172" "6222207" "6593160" "6573537" "6465808" "20030143772" "6762069" "6649437" "6740906" "6791119").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/01 16:26
S80	630	313/110.ccls.	USPAT; EPO; JPO	OR	ON	2005/08/01 16:55
S81	999	313/112.ccls.	USPAT; EPO; JPO	OR	ON	2005/08/01 16:55
S82	2	313/498.ccls. and collimated	USPAT; EPO; JPO	OR	ON	2005/08/01 16:54
S83	29	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning" and LED	USPAT; EPO; JPO	OR	ON	2005/08/01 16:54
S84	68	(313/499.ccls. not 313/498.ccls.) and (focused focus focus\$ collimated collimate collimat\$ pattern)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/01 16:55
S85	951	313/110.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/01 16:55
S86	1572	313/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/01 16:55
S87	1	"5132751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 10:53
S88	1	"6784463".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 10:56
S96	1	"20040043524"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 10:55

## EAST Search History

S98	3	("20040027062" "6522063" "6534798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/12 13:43
S99	34	("20030141563" "20030209714" "20040130263" "20050082545" "20050112886" "20050205883" "3739217" "5376580" "5528057" "6265820" "6335548" "6340824" "6388264" "6410348" "6468824" "6614056" "6627521" "6642618" "6661028" "6791117" "6791259" "6800500" "6812503" "6818531" "6828597" "6828724" "6878969" "6891203" "6900587" "6924136" "6943379" "6946683" "6958494").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/06 17:27
S100	24	("20030141563" "20030209714" "20040130263" "20050082545" "20050112886" "20050205883" "3739217" "5376580" "5528057" "6265820" "6335548" "6340824" "6388264" "6410348" "6468824" "6614056" "6627521" "6642618" "6661028" "6791117" "6791259" "6800500" "6812503" "6818531" "6828597" "6828724" "6878969" "6891203" "6900587" "6924136" "6943379" "6946683" "6958494").PN. and (detuning lattice crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/06 17:29
S101	11	("20030141563" "20030209714" "20040130263" "20050082545" "20050112886" "20050205883" "3739217" "5376580" "5528057" "6265820" "6335548" "6340824" "6388264" "6410348" "6468824" "6614056" "6627521" "6642618" "6661028" "6791117" "6791259" "6800500" "6812503" "6818531" "6828597" "6828724" "6878969" "6891203" "6900587" "6924136" "6943379" "6946683" "6958494").PN. and (detuning lattice)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/06 17:29